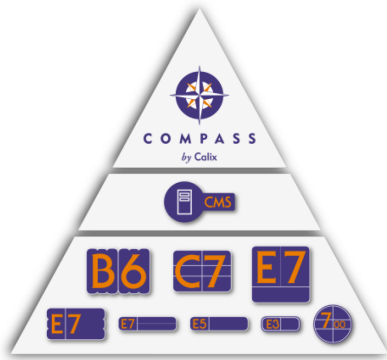


# IPTV Network Performance and Readiness Audits



## DESCRIPTION

Networks today are evolving, and communications service providers are under constant pressure to keep delivering competitive, high quality services in an all-video world.

**Calix IPTV Audit Services** include two kinds of services offered by the Professional Services team: **IPTV Network Performance Audits** and **IPTV Network Readiness Audits**. These services enable service providers to ensure that their investment in IPTV infrastructure delivers the best possible customer experience for today and tomorrow.

## BENEFITS

After successfully assisting hundreds of service providers in deploying IPTV solutions, Calix has the experience and expertise to limit the risk associated with delivering these complex, multi-vendor network solutions.

**IPTV Network Performance Audits** are targeted at service providers that are already deploying IPTV services and want to optimize the network or are experiencing significant operational or service level (QoS) problems. Typical issues include video freezing and/or tiling problems in multi-vendor deployments.

**IPTV Network Readiness Audits** are focused on service providers preparing to deploy IPTV and looking for guidance on network designs, configurations, and potential performance levels.

Key benefits to our customers for each of these service offerings include:

- Access to the Calix Compatibility Lab team of routing, access, middleware, and STB experts to help pre-test network configurations and debug performance issues
- Fully documented audit reports and recommended solutions, including high level network flow diagrams

## COMPONENTS

IPTV Audit Services key deliverables include :

- Detailed IPTV Network Audit Report
- Complete Gap Analysis and Recommendations
- High Level Network Diagrams

Typical audit activities include :

- Bandwidth utilization analysis
- Protection evaluation (equipment and facility)
- Review and recommendations for multicast and unicast IP addressing and VLAN allocation schemes
- Review of headend set-up (this is not included in Readiness Audit)
- Nodal analysis of network frame/packet loss
- Video streams analysis packet loss/delay factor (not included in Readiness Audit)

At the end of the Audit activity, Calix generates a formal report with recommendations for optimizing and improving the health of the network. This document will be reviewed during a conference call to provide you with the findings and recommendations.

For more information, please contact your Calix Sales representative or Calix Professional Services:

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